

INFORMATION REPORT INFORMATION REPORT
CENTRAL INTELLIGENCE AGENCY

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COUNTRY USSR/Germany

REPORT

SUBJECT Activities and Personalities at Sinop Institute

DATE DISTR.

20 December 1955

25X1

DATE OF INFO.

NO. OF PAGES

9

PLACE ACQUIRED

REQUIREMENT NO.

RD

25X1

REFERENCES

DATE ACQUIRED

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PART II - REPORT(i) Details of the Institute at SINOP

Dr. Gotthard MUELLER.

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Dr. MUELLER was engaged on the construction of a high tension installation for an electro microscope. Work on this project commenced in June 1946 when Dr. MUELLER began work on the theoretical side of the problem. The installation was completed about the beginning of 1949 when Dr. MUELLER left SINOP.

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the high tension installation was still at SINOP. After Dr. MUELLER's departure Dipl. Ing. Erich NEUREUTER took over the section and commenced construction of a high tension installation for a mass spectrometer. This was completed in September/October 1949 and was delivered on completion to the section controlled by Ing. BERNHARD.

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the electro microscope had not been completed.

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the electrical installation for the microscope was worked upon by REIBEDANZ whilst WEBER was engaged on construction of ions sources and cathodes for the electro microscope. Whilst at SINOP Dr. MUELLER's staff consisted of Erich NEUREUTER, Kurt KETTNER, Herbert HOLLASCH, Karl Heinz WEBER, Erwin SUKOV, Peter HERR. Shortly after Dr. MUELLER left the site two Russians arrived and joined the section. They were a Russian engineer and a mechanic YARMOLAYEV. they had come from ELEKTROSILA.

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In April 1947 and early in 1948 Dr. MUELLER visited MOSCOW where, he had conversations at the "Innen Ministerium".

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EMELYANOV visited the Institute on several occasions and SOMOV also paid several visits.

Both seem to interest themselves mostly in those sections engaged on uranium separation, such as the magnetic separation section of Dr. FROELICH, the centrifugal separation section of Dr. STEENBECK, and the diaphragm separation section of Prof. THIESSEN.

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Most of the raw materials and valves, instruments and fittings for the electro microscope were delivered to SINOP from unknown factories in MOSCOW.

In 1949 no tangible results for enrichment of U235 had been obtained but that the enrichment figures reached by the Russians themselves at ELEKTROSILA and other unknown institutes was much greater.

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much larger separators had been built at ELEKTROSILA and an institute located somewhere near MOSCOW. the existence of an institute at MOSCOW in which Prof. VOLLMER was located and also an institute behind the URALS which had been visited by Dr. MENKE, Dr. HOHORST and Dr. RINTELN.

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ANDREEV and his wife ANDREEVA were engaged on uranium separation by means of a diffusion process and they had not met with any particular success in their experiments.

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Dr. STEUDEL was engaged on experiments with an ultra centrifuge and this was suspended in a magnetic field controlled by a photocell.

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With regard to vacuum pumps [redacted] those first used at the institute were purely of German origin. These were soon superseded by American-type vacuum pumps and later, about 1948, Russian-type high vacuum pumps were delivered. [redacted] one of the large type American pumps bore the inscription R10.

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(ii) Details of visits paid by scientists to other institutes

[redacted] Prof. HERTZ and Dipl. Chem. ZIEHL paid visits to CHELYABINSK. During the period Nov 46 to the beginning of 49 Prof. THIESSEN was often absent from the institute for long periods [redacted]. [redacted] he generally visited MOSCOW and CHELYABINSK.

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[redacted] von ARDENNE paid regular visits to ELEKTROSILA and some other institute in LENINGRAD, [redacted]

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With regard to premiums [redacted] von ARDENNE receiving the sum of 50,000 routles some time towards the end of 1948. Dr. STEENBECK, Prof. THIESSEN and Dr. FROEHLICH also received large sums on occasions [redacted]

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[redacted] LEIPUNSKI controlled an institute somewhere, possibly in MOSCOW, in which no Germans were employed.

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(iii) Details of First and Ninth Directorates

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[redacted] all institutes of a scientific nature were automatically controlled by the Ninth Directorate. It was rumoured that General SCHWERIEV was chief of the Ninth Directorate and his technical advisor was LEIPUNSKI. Headquarters of the Ninth Directorate was located in MOSCOW, somewhere in the vicinity of the Red Square.

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(iv) Details of Russians arriving at the Institute for training.

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[redacted] Shortly before each transport left the institute a team of Russians would arrive to take over from the Germans who were leaving. [redacted]

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PART III - Personalities(a) Russian

YARMOLAYEV, fmu
 YEMELYANOV
 SCHERBETZ VEREV
 ANDREYEV
 ANDREEVA
 LEYPUNSKIY
 General PETROW

(b) German

Dr. Gotthard MUELLER
 Dipl. Ing. Erich NEUREUTER
 Ing. BERNHARD
 REIBEDANZ, fmu
 Kurt KETTNER
 Herbert HOLLASCH
 Karl Heinz WEBER
 Erwin SUKOV
 Peter HERR
 Dr. FROEHLICH
 Dr. STEENBECK
 Prof. THIESSEN
 Prof. VOLLMER
 Dr. MENKE
 Dr. HOHORST
 Dr. RINTELN
 Waldemar MENZ
 Dr. STEUDEL
 Prof. HERTZ
 Dipl. Chem. ZIEHL
 von ARDENNE.

PART IV - Annexures

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